

INNOVATIVE PARQUET ARTICLES
ornamental design compositions

New wood resource saving, full format, full factory industrial parquet article

Parquet feature

1 690-1800-177121 (land mobile, mob)

The latest has installed composition, which means stability of the form during all the period of article use and new functional characteristics in comparison with traditional parquet.


The industrial pattern of parquet article and technology of its production are covered by more than 10 patents in offices of industrial property of Ukraine.

The parquet article on honeycomb-layer base (patents of Ukraine on inventions № 17629, 19949)



1. exterior surface
2. intermediate layer
3. honeycomb base
4. adjoining layer

Ecosystem management in protected areas using modern information technologies



Ecosystem management in natural reserves (category II) is a complex task. The State Environmental Research Institute (SEI) has developed a modern information technology for ecosystem management in protected areas using modern information technologies.

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FAULT FINDER THICKNESS GAGES
for nondestructive control of products' quality

Fault lines are in use for the control of integrity of polymers, epoxy, laminates, insulating coatings for metal oil-pipelines, gas pipelines, water pipes, different technological structures with anti-corrosion coating in the process of exploitation and maintenance.

MAIN TECHNICAL INFORMATION:

Isolated voltage, kV	1.7-36
Isolated frequency, Hz	50-5000000
Range of the coating thickness, mm	0.1-1.5
Accuracy, mm	±0.1
Advance speed of electrode, cm/s	1-25
Isolated voltage, V	1-25
Temperature of the environment, °C	-25-50

Condition testing period from laboratory of acceptance


Thickness paper specified for the thickness measurement of polymers, epoxies, resins, and laminates, made under the base on short and tape materials from 1 cm to 10 cm wide.

MAIN TECHNICAL INFORMATION:

Range of thickness	0.1-1.5
Accuracy, mm	±0.1
Advance speed of electrode, cm/s	1-25
Isolated voltage, V	1-25
Temperature of the environment, °C	-25-50

Круглий стіл
«Розробка пропозицій щодо покращення функціонування мисливського господарства в Україні у відповідності із принципами сталого управління природними ресурсами»

25 червня 2014 року
Національний академічний університет України м. Львів



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Круглий стіл

«Розробка пропозицій щодо покращення функціонування мисливського господарства в Україні у відповідності із принципами сталого управління природними ресурсами»

Олег Проців, науковий консультант FLEG II

26 череня 2014 року

Національний лісотехнічний університет України, м. Львів

РЕГІОНАЛЬНА ПРОГРАММА - ПРАВОПРИМЕНЕННЯ І УПРАВЛІННЯ В ЛІСНОМУ СЕКТОРІ СТЕПОВОГО ВОСХОДНОГО РЕГІОНУ ДІЙСТВА ЄВРОПЕЙСЬКОГО ІНСТРУМЕНТА СОСІДСТВА І ПАРТНЕРСТВА.
Програма фінансується Європейським Союзом і реалізується Всесвітнім Банком в партнерстві з МСОП і WWF



Умітєся,
Діяти
мої...

М. Чебрєнєв





www.enpi-fleg.org



Круглий стіл

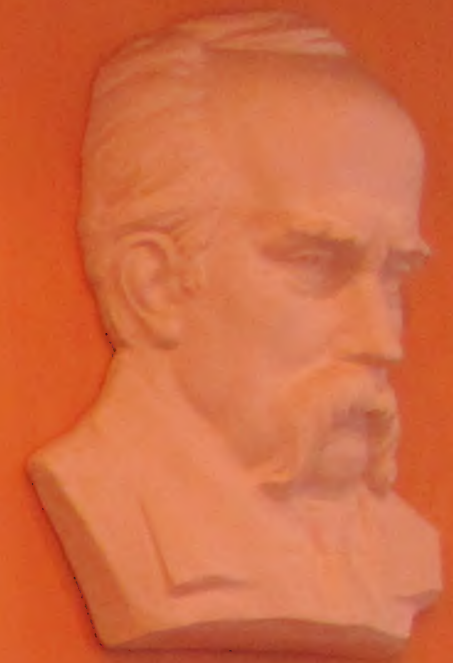
«Розробка пропозицій щодо покращення функціонування мисливського господарства в Україні у відповідності із принципами сталого управління природними ресурсами»

Олег Проців, науковий консультант FLEG II

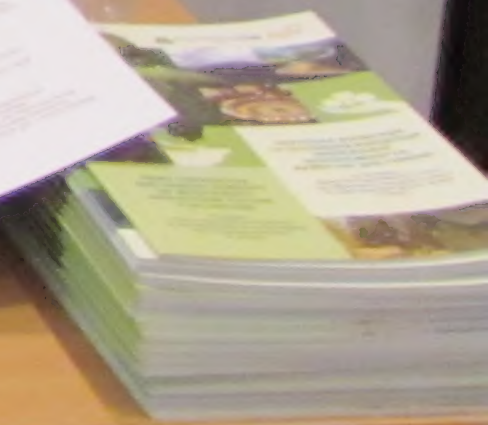
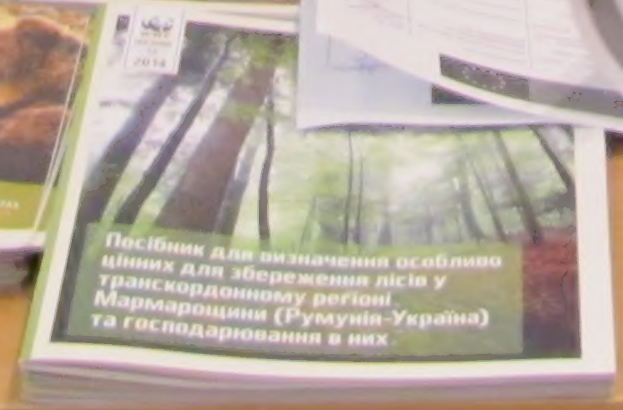
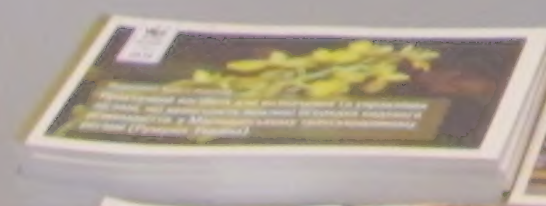
26 череня 2014 року

Національний лісотехнічний університет України, м. Львів

РЕГІОНАЛЬНА ПРОГРАМА «ПРАВОЗНАВСТВО І УПРАВЛІННЯ В ЛЕСНОМ СЕКТОРЕ СТРАН ВОСХОДНОГО РЕГІОНУ ДІЯВІЯ ЄВРОПЕЙСЬКОГО ІНСТРУМЕНТА СОСІДСТВА І ПАРТНЕРСТВА»
Програма фінансується Європейським Союзом і реалізується Всесвітнім Банком в партнерстві з МСОП і WWF



Умітєся,
Діяти
мої...
М. Шевченко



ENPI
EAST
FLEG II

www.enpi-fleg.org

Круглий стіл
«Розробка пропозицій щодо покращення
функціонування мисливського господарства в
Україні у відповідності із принципами сталого
управління природними ресурсами»

Олег Присяда, науковий консультант FLEG II

26 червня 2014 року
Національний лісотехнічний університет України, м. Львів

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Slide 1 of 13 | 1_108_Titile_58_pt_Blue_RU | English (U.S.)



Умітєся,
Діагнати
мої...

М. Шибреню



Круглий стіл

«Розробка пропозицій щодо покращення функціонування мисливського господарства в Україні у відповідності із принципами сталого управління природними ресурсами»

Олег Проців, науковий консультант FLEG II

26 червня 2014 року
Національний лісотехнічний університет України, м. Львів

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Slide 3 of 13 "LWB Title_S3_pt_Blue_RU" English (U.S.)

EN 10:45 AM 26-Jun



ABRASIVE CYLINDER

for the calibration and grinding of full-format woodparticle board

ive instrument is compound solid construction in a form of abrasive with estimated thickness, granularity and structure formatted on special frame.

MAIN TECHNICAL INFORMATION:

- urity of abrasives, F 20-16
- y, $M Pa$ 230-270
- al thickness of polished by one operation layer, mm 1,5
- source of the instrument exploitation, thousand cubic meters 30-40

instrument is a full-size device, resistant to overvoltage, simple and with maintenance it can replace expensive broad-band abrasive belt on of the calibration and grinding of full-format woodparticle board. This ent has no analogue at international market.

ive instrument is used on modernized machines JK30-1s, TBO 76-2U, TBO5 plus JK30-1.4, TM-90.

engineering documentation on modernization of the calibration and grinding and other wood-working machines has been developed.

Shkivskan National Forestry University, 78007, Luts'k, San. Chyornykh, 143.
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INNOVATIVE PARQUET ARTICLES

ornamental design compositions

New wood resource saving, full format, full factory readiness parquet article.

Parquet battens 1480-1800x175x16 (and more), mm

The batten has moulded compensatory rim which ensures stability of the form during all the period of article use and new functional characteristics in comparison with traditional parquet.

The industrial patterns of parquet articles and technology of its production are covered by more than 30 patents on objects of industrial property of Ukraine.

The parquet article on honeycomb-layer base (patents of Ukraine on inventions № 17629, 19849)

1. exterior surface
2. intermediate layer
3. honeycomb base
4. sliding layer

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Ecosystem management in protected areas using modern information technologies

Ecosystem management in natural reserves using modern IT is conducted by the Shkivskan interdepartmental research ecological laboratory, established according to the joint decree of the National Academy of Sciences of Ukraine, the Ministry of Education and Science of Ukraine and the State Forest Committee of Ukraine from 22 March 2006 № 002/2006.

The Shkivskan interdepartmental research ecological laboratory together with colleagues from Poland and Russia have introduced a set of measures ensuring the efficiency of using IT based on GIS, GPS and data on mechanical remote sensing of the natural reserves and use the performance capabilities of computer technologies combined with the results of surface field measures of the certain ecosystems in the Shkivskan National Park as a structural element of the Shkivskan National Park as a structural element of the Shkivskan National Park as a structural element of the Shkivskan National Park.

The Shkivskan National Park is one of the leading areas of the Shkivskan interdepartmental research ecological laboratory and a model for the protected areas.

A research program of the Shkivskan interdepartmental research ecological laboratory is aimed at achieving a set of important scientific and ecological objectives, namely: regarding the comparison of nature protected areas being fully account their biodiversity to join the European Ecological Network.

Development of the scientific, technological by IT forest ecosystem management on protected areas and working out adequate environmental measures.

Introduction of the methods for the monitoring of anthropogenic pressure on forest, on grassland and marsh ecosystems within the protected areas using field observations and measurements, remote sensing data, GIS and ecological information systems, assessment of their changes trends and creation of an integrated management system database.

Validation of the recommendations by specifying a regulated pressure and conducting a test rehabilitation on the recreational landscape within the nature protected areas and shaping up the fundamentals of modernized, optimal based on a basis for achieving sustainable development of the Shkivskan National Park.

Acquisition, scientific and managerial activity in the field of dissemination of ecological and education knowledge for preservation of the nature protected areas.

Development of an international scientific cooperation.

In the international cooperation framework the Shkivskan interdepartmental research ecological laboratory participates as a leading partner and collaborator in establishment and work of the interregional Educational Center in the Institute of Agronomy of the Polish Academy of Sciences (Lublin) also in the neighborhood program between Poland, Belarus and Ukraine. INTERRAC and INTERRAC-2007. The Shkivskan laboratory staff actively work within the UNEESCO project as well.

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FAULT FINDER THICKNESS GAGES

for nondestructive control of products' quality

Fault finders are in use for the control of integrity of polymeric, epoxy, laminates, the solid coatings for main oil-pipelines, gas pipelines, water pipes, different technological recovery with anticorrosive coating in the process of exploitation and maintenance.

MAIN TECHNICAL INFORMATION:

- Initial voltage, kV 1,5 - 3,6
- Impulse frequency, Hz 30 - 35
- Range of the coating thickness, mm 0,1
- Accuracy, mm $\pm 0,12$
- Advances speed of electrodes, cm/s ≤ 25
- Source voltage, V 11 - 12
- Temperature of the environment, $^{\circ}C$ -10 - +35

Cautious action period from battery of accumulators, hours 10

Thickness range specified for the thickness measurement of the coatings, mm 0,1 - 10

Types of materials: polymers, epoxy, laminates, the solid coatings for main oil-pipelines, gas pipelines, water pipes, different technological recovery with anticorrosive coating in the process of exploitation and maintenance.

MAIN TECHNICAL INFORMATION:

Type of instrument	Range of thickness, mm	Standard deviation, mm
FTA-03	0 - 0,3	0,005
FTA-1	0 - 5	0,01
FTA-20	0 - 20	0,02
FTA-40	0 - 40	0,04

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Круглий стіл
«Розробка пропозицій щодо покращення функціонування мисливського господарства в Україні у відповідності із принципами сталого управління природними ресурсами»

24 червня 2014 року
Національний дослідницький університет України, м. Львів

Сторінка 1 з 10





Ukrainian National Forestry University (UNFU)

INNOVATIVE ACTIVITY

Long-term innovations in environmental protection and sustainable development

Ukrainian National Forestry University (UNFU) was founded in 1974 as the first specialized university in the world, devoted to the study, research and education in the field of forestry. The University is a leading center for scientific research and education in the field of forestry. It is a member of the International Association of Agricultural Universities (IAAU) and the International Association of Universities of Forestry (IAUF).

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Ukrainian National Forestry University, Lviv, Ukraine

GLOBAL ECOLOGICAL AND ECONOMIC SITUATION

The global ecological and economic situation is characterized by a rapid change in the environment and a significant increase in the demand for natural resources. The Ukrainian National Forestry University (UNFU) is a leading center for scientific research and education in the field of forestry. It is a member of the International Association of Agricultural Universities (IAAU) and the International Association of Universities of Forestry (IAUF).

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WORLD ENVIRONMENTAL CONSTITUTION

AN IDEA THAT WAS PROPOSED AND IS BEING ELABORATED BY SCIENTISTS OF UKRAINIAN NATIONAL FORESTRY UNIVERSITY

The World Environmental Constitution (WEC) is a concept of a new world order, based on the principles of environmental protection and sustainable development. The Ukrainian National Forestry University (UNFU) is a leading center for scientific research and education in the field of forestry. It is a member of the International Association of Agricultural Universities (IAAU) and the International Association of Universities of Forestry (IAUF).

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Biotechnologies

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ABRASIVE CYLINDER

for the calibration and grinding of full-format woodparticle board

MAIN TECHNICAL INFORMATION:

Granularity of abrasive, F_{240} - 28,16
Sulphidity, M_{10} - 230-270
Maximal thickness of polished by one operation layer, mm - 1,5
Total resource of the instrument exploitation, thousand cubic meters - 30-40

The instrument is a full-size device, resistant to corrosion, simple and convenient with maintenance. It can replace expensive broad-band abrasive belt on operation of the calibration and grinding of full-format woodparticle board. This instrument has no analogue at international market.

abrasive instrument is used on modernized machines, EXB-10, TBO "S-DV, TBO "S-2 and others, EXB-10, TBO "S-DV, TBO "S-2 and others.

The instrument is used on modernized machines, EXB-10, TBO "S-DV, TBO "S-2 and others.



Ukrainian National Forestry University (UNFU)

SCIENCE, EDUCATION, INNOVATIONS
FOR ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT

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Biotechnologies

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ABRASIVE CYLINDERS
for the calibration and grinding of woodparticle board

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ТЕМА № 17
"ДОСЛІДИТИ ОСОБЛИВОСТІ
ОРГАНІЗАЦІЇ ТА ВЕДЕННЯ
МИСЛИВСЬКОГО ГОСПОДАРСТВА В
УКРАЇНІ В СУЧАСНИХ УМОВАХ"
(2013 р.)

Керівник НДР: зав. сектору
мисливствознавства лабораторії лісівництва
ДП «СФ УкрНДІЛГА» канд. с-г. наук,
ст. наук. співроб. Шейгас І.М.



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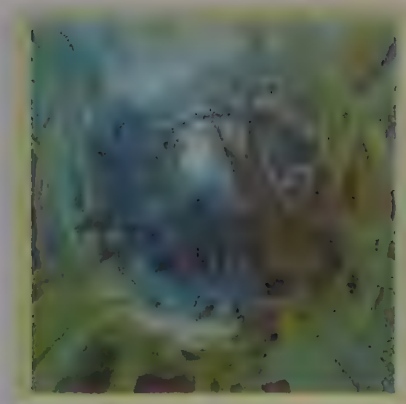






НАЦІОНАЛЬНОМУ
ЛІСОТЕХНІЧНОМУ
УНІВЕРСИТЕТУ
УКРАЇНИ

135









Програма прикордонного співробітництва ЄСП
Угорщина-Словаччина-Румунія-Україна



Програма фінансована з фондів
Європейського Союзу



ВІДКРИТІ КОРДОНИ ДЛЯ ВЕДМЕДІВ У РУМУНСЬКИХ ТА УКРАЇНСЬКИХ КАРПАТАХ

Для виживання бурим ведмедям потрібна мережа
великих за площею природних лісових територій











ПОСІБНИК

UA

2014

Збереження бурого ведмедя

Практичний посібник для визначення та управління лісами, які включають важливі осередки видового різноманіття у Мармароському транскордонному регіоні (Румунія-Україна)



БРОШУРА

UA

2014

Збереження бурого ведмедя

БУРИЙ ВЕДМІДЬ ЯК
ДОРОГОЦІННІСТЬ КАРПАТСЬКИХ ГІР



WWF

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WAGENINGEN UNIVERSITY
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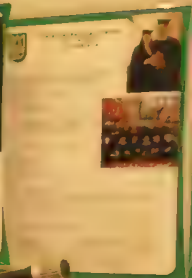
ЕКОЛОГІЧНА СТЕЖКА
ЗІ ЄВРОПЕЙСЬКОГО СОЮЗУ





НАЦІОНАЛЬНОМУ
ЛІСОТЕХНІЧНОМУ
УНІВЕРСИТЕТУ
УКРАЇНИ

135





FAULTFINDER THICKNESS GAGES
For nondestructive control of products' quality

1. PURPOSE AND SCOPE

2. REFERENCES

3. DEFINITIONS

4. SYMBOLS

5. TEST PROCEDURE

6. TEST RESULTS

7. CONCLUSIONS

8. APPENDICES

9. REFERENCES

10. INDEX

Yours faithfully

[Signature]

Круглий стіл
за пропозиції щодо покращення
антимонопольного господарства в
додатковості із принципами сталого
зростання економічних ресурсів

24 лютого 2014 року
в актовій залі Львівського національного університету імені Івана Франка

Львівський національний університет імені Івана Франка
Львівська обласна рада



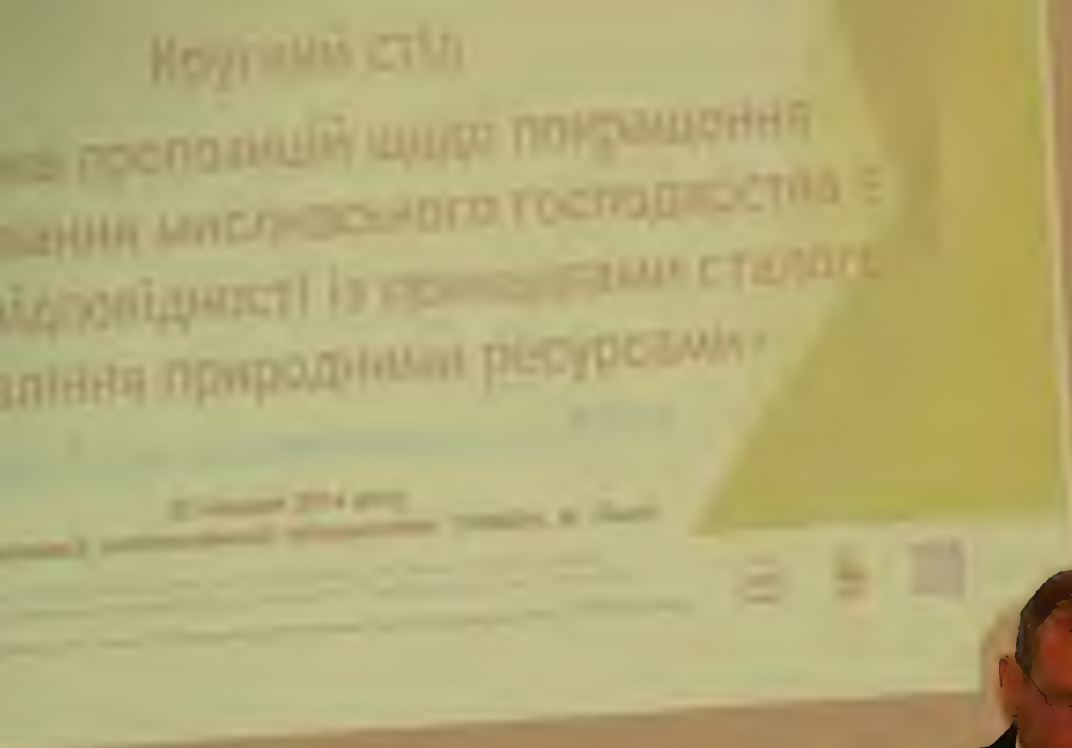


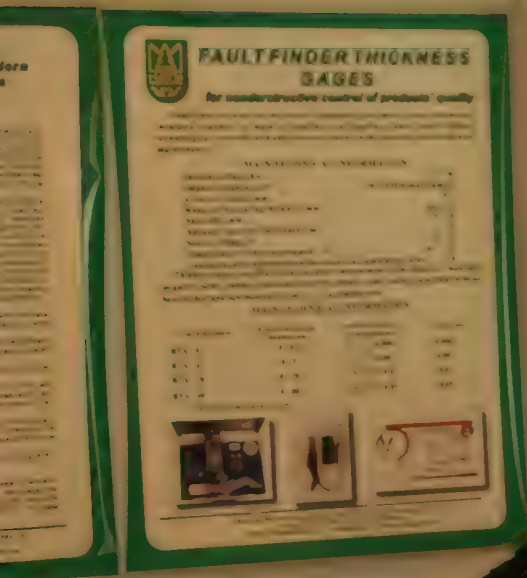
Yannis Panagiotou














An electrophoretic method of a defective-like protection with antileak activity



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The engineering documentation on modernization of the calibration and grinding machines and other wood-working machines has been developed.



Scheme of the abrasive cylinder
III 406.1909.268

Rigid springy abrasive circle

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The parquet article on honeycomb-layer base (patents of Ukraine on inventions № 1129, 19849)



1. exterior surface
2. intermediate layer
3. honeycomb base
4. aligning layer

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Ukrainian National Forestry University (UNFU)

A MODEL FOR CREATIVE ACTIVITY
Science + Education = Innovations
for environmental protection and sustainable development

1. new knowledge in innovative activity
2. innovative research (theoretical, technological, ...)
3. innovative research in the education
4. innovation development

5. fundamental and applied scientific research
6. traditional education
7. the new research which will give us an innovation

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E-mail: info@unfu.lviv.ua; Website: <http://www.unfu.lviv.ua>

Ukrainian National Forestry University, Lviv, Ukraine

The Ukrainian National Forestry University (UNFU) was founded in 1974 as the Higher School of Forestry in the region. Currently it is the only university in Ukraine fully specialized in forestry issues. The University includes:

- Institute of Ecological Economics
- Faculty of Forestry
- Faculty for Logging Engineering and Mechanics
- Economic Faculty
- Faculty of Wood Processing Technology
- Faculty of Correspondence Study
- Faculty of Postgraduate and Post-Diploma Training

The University employs 400 faculty members serving more than 800 students: within undergraduate and graduate study programs. Bachelor, Master, PhD). University accounts have been awarded by government awards, international and national prizes, grants, etc.

The UNFU trains the professionals for forestry and forest dairy sector on the specialties:

- Forestry
- Park and garden management
- Landscape architecture
- Machinery for forestry sector
- Forest engineering
- Automatic management of technological processes
- Wood processing technology
- Chemical technology for wood and plant resource processing
- Design
- Management of enterprises
- Management for international economic activity

The University structure also includes The Technological College, The Natural Science Lyceum, The Extension Study Center in Khmelnytskyi, The Natural Science "Rivnichynskyi", Botanical garden and forest enterprise, for students' employ, Forest Ecology Field Laboratory in Shkvi and number of other institutions.

The scientific activity main directions:

- science of forest and urban ecosystems productivity and biological resistance;
- development of resource saving and environment ally sound technologies, machines and equipment for forestry etc.
- development of theoretical approaches to energy saving and environmentally sound technologies for wood: saving and modeling of the technological processes;
- development of forest sector development in the context of sustainable forest management and economic protection (innovation)

UNFU is a member of several prestigious international organizations like IUFRO (International Union for Forest Research Organizations), International Forestry Research Institute, Baltic University Programme and University closely co-operates with higher learning institutions from Belgium, Netherlands, Czech Republic, Great Britain, Germany, Italy, Italy, Poland, Russia, Sweden, Slovakia, Switzerland, the USA.

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